

Title (en)

Airblast fuel atomization system

Title (de)

Druckluftzerstäubersystem für Brennstoff

Title (fr)

Système d'atomisation de carburant par air comprimé

Publication

EP 1245900 A2 20021002 (EN)

Application

EP 02252319 A 20020328

Priority

US 82314901 A 20010330

Abstract (en)

An airblast fuel injector assembly (10) for use in conjunction with a gas turbine is disclosed which includes an elongated tubular body having first and second concentric tubes (12, 14) separated from one another by a helical spacer wire (16) so as to define a fuel passage (18) therebetween. The injector assembly is situated in a fuel nozzle (20) such that fuel flow exiting the fuel passage is intersected by an air flow at a predetermined angle of incidence so as to atomize the fuel flow. <IMAGE> <IMAGE>

IPC 1-7

F23D 11/10

IPC 8 full level

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CPC (source: EP US)

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Cited by

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